

SEQ ID NO:9 alignment

<!--StartFragment-->RESULT 4

AAY79101

ID AAY79101 standard; protein; 108 AA.

XX

AC AAY79101;

XX

DT 23-MAY-2000 (first entry)

XX

DE Antibody light chain variable region.

XX

KW Antibody; light chain variable region; protein secretion; glycosylation.

XX

OS Unidentified.

XX

PN WO200005389-A2.

XX

PD 03-FEB-2000.

XX

PF 08-JUL-1999; 99WO-EP004919.

XX

PR 20-JUL-1998; 98EP-00202432.

XX

PA (UNIL) UNILEVER NV.

PA (UNIL) UNILEVER PLC.

XX

PI Frenken LGJ, Sagt C, Verkleij AJ, Verrips CT;

XX

DR WPI; 2000-182710/16.

XX

PT High level recombinant production of heterologous protein with increased
 PT secretory efficiency in lower eukaryotic cells, useful for producing
 PT lysozyme, cutinase, or antibodies.

XX

PS Disclosure; Page 23; 55pp; English.

XX

CC The present sequence is that of the light chain variable region (VL) of
 CC an antibody. The VL can be joined via a peptide linker to a heavy chain
 CC variable region (VH) to form a single chain scFv fragment. The invention
 CC relates to the high level recombinant production of proteins, such as
 CC antibody fragments, in lower eukaryotic host (yeast or mould) cells. The
 CC protein is N-glycosylated at a location between its N-terminus and first
 CC hydrophobic region to increase its level of secretion from the host cell
 CC without affecting its functionality

XX

SQ Sequence 108 AA;

Query Match 100.0%; Score 550; DB 1; Length 108;

Best Local Similarity 100.0%; Pred. No. 4.1e-33;

Matches 103; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ELTQSPASLSASVGETVTITCRASGNIHNYLAWYQQKQKSPQLLVYYTTTLADGVPSRF 60
 |||

Db 3 ELTQSPASLSASVGETVTITCRASGNIHNYLAWYQQKQKSPQLLVYYTTTLADGVPSRF 62

Qy 61 SGSGSGTQYSLKINSLQPEDFGSYQCQHFSTPRTFGGGTKLE 103
 |||

Db 63 SGSGSGTQYSLKINSLQPEDFGSYQCQHFSTPRTFGGGTKLE 105

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